REMARKS
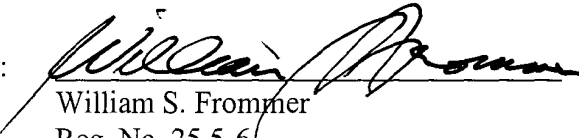
This preliminary amendment makes reference to the parent application and presents those claims that were withdrawn from consideration in the parent. New claims 10-14 have been added. The new claims correspond to claims 10-13 and 22 in the parent application that were withdrawn from prosecution in response to a restriction requirement. Entry of the above amendatory matter and early examination on the merits are respectfully requested.

The Specification, Abstract, Title, and Figures have been amended in accordance with changes made in the parent application. Applicant has provided a new Abstract on a separate sheet, page numbered in sequence with the specification.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicant

By: William S. Frommer
Reg. No. 25,5-6
Tel. (212) 588-0800

IN THE DRAWINGS

Please amend Figure 16 as set forth in the accompanying Request for Approval of Drawing Changes, previously filed in the parent application.

IN THE TITLE

Please rewrite the title in the above-identified application to read as follows:

—INTEGRATIVE ENCODING SYSTEM AND ADAPTIVE DECODING SYSTEM—.

IN THE ABSTRACT

Please replace the abstract in the above-identified application to read as shown on the attached separate sheet, page numbered in sequence with the specification.

ABSTRACT

An integrative encoding system for encoding and transmitting a plurality of video signals

having different resolutions that correspond to a plurality of display units. The integrative

encoding system has a compression processor, an editing processor, and an integrated services

digital broadcasting (ISDB) transmitter. In a first embodiment, the compression processor

performs adaptive dynamic range coding (ADRC) to compress each of said plurality of video

signals on a block basis by reducing the dynamic range. In another embodiment, the compression

processor performs hierarchical encoding on the plurality of video signals by selectively

replacing pixels of a higher resolution level with pixels from a lower resolution level calculated

by combining pixels from said higher resolution level; thereby encoding a hierarchy of resolution

levels within the plurality of video signals without increasing the amount of data. An adaptive

decoding system receives and decodes the transmitted plurality of video signals for display by

the plurality of display units.

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